Table 1: Significance table.

	Events$_a fter_a lphat_a nd_P FDL_c uts$	Events$_a fter_a lphat_a nd_D L_c uts$	Events$_a fter_a lphat_r e_a nd_P FDL_c uts$	Events$_a fter_a lphat_r e_a nd_D L_c uts$
QCD$_P t15$	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD$_P t30$	387.2 +- 387.2	0 +- 0	387.2 +- 387.2	0 +- 0
QCD$_P t80$	135.9 +- 36.32	9.707 +- 9.707	126.2 +- 35	0 +- 0
QCD$_P t170$	63.06 +- 4.149	5.187 +- 1.19	60.33 +- 4.058	2.184 +- 0.7722
QCD$_P t300$	19.78 +- 0.5062	0.9844 +- 0.1129	17.89 +- 0.4814	0.544 +- 0.08395
QCD$_P t470$	2.684 +- 0.06078	0.004129 +- 0.002384	2.388 +- 0.05733	0.002753 +- 0.001946
QCD$_P t800$	0.09518 +- 0.001797	0 +- 0	0.08321 +- 0.00168	0 +- 0
QCD$_P t1400$	0.0005988 +- 1.385e-05	0 +- 0	0.0005324 +- 1.306e-05	0 +- 0
TTbar$_t emp$	6.626 +- 0.1595	1.92 +- 0.08585	4.469 +- 0.131	1.11 +- 0.06527
WJets$_t emp$	9.102 +- 0.86	3.007 +- 0.4943	7.72 +- 0.7921	2.357 +- 0.4376
ZJets$_t emp$	0.9736 +- 0.27	0.07489 +- 0.07489	0.8987 +- 0.2594	0.07489 +- 0.07489
ww$_p at_1$	0.3469 +- 0.05171	0.08479 +- 0.02556	0.3083 +- 0.04875	0.06166 +- 0.0218
wz$_p at_1$	0.1294 +- 0.01973	0.09931 +- 0.01729	0.1204 +- 0.01903	0.08125 +- 0.01564
zz$_p at_1$	0.03613 +- 0.006021	0.03713 +- 0.006104	0.0291 +- 0.005404	0.03011 +- 0.005497
LM12$_t emp$	0.08237 +- 0.007681	0.05874 +- 0.006486	0.0616 +- 0.006643	0.03653 +- 0.005115
Significancy	0.003292	0.01279	0.002499	0.01439
QCD Significancy	0.003339	0.01474	0.002527	0.02211